

What is claimed is:

Sub A1

1. A device for enhancing contrast for a liquid crystal display (LCD) projection system, the contrast enhancing device comprising:
an image driver supplying an image signal;
a LCD panel for converting the input image signal into an optical image signal; and
a contrast control portion positioned on the same optical axis as that of the LCD panel, for controlling an amount of scanned light according to the brightness of a corresponding image.

2. The contrast enhancing device of claim 1, wherein said image driver includes an auto brightness limiter (ABL) function for automatically controlling an average brightness of the image signal supplied on said LCD panel.

Sub A2

3. The contrast enhancing device of claim 2, wherein said contrast control portion comprises:
a contrast control plate for controlling an amount of light scanned from said LCD panel; and
a contrast controller for generating a contrast control signal for controlling the degree of the opening and closing said contrast control plate according to the ABL control signal.

4. The contrast enhancing device of claim 3, wherein said contrast controller applies the contrast control signal which is inversely

proportional to the ABL control signal supplied from said image driver.

5. The contrast enhancing device of claim 2, wherein said contrast control plate is a LCD.

6. The contrast enhancing device of claim 5, wherein said contrast control plate controls the degree of the opening and closing cells constituting the LCD according to the contrast control signal applied from said contrast controller.

7. The contrast enhancing device of claim 2, wherein said contrast controller applies the contrast control signal for controlling said contrast control plate to be closed in correspondence to a difference value if the average level of the image signal is lower than the reference level, or controlling said contrast control plate to be opened in correspondence to a difference value if the average level of the image signal is higher than the reference level.

8. The contrast enhancing device of claim 1, further comprising a polarizing plate for selectively transmitting the light scanned from said LCD panel according to the polarization component of the light, wherein said contrast control portion is disposed on an optical path between said LCD panel and said polarizing plate.